SYSTEM AND METHOD FOR ASSESSING THE PERFORMANCE OF A PHARMACEUTICAL AGENT DELIVERY SYSTEM

Abstract of the Disclosure

A system and method for assessing the performance of a system for delivering a pharmaceutical agent to a portion of a body. A pair of electrodes are applied to the portion of the body. A pharmaceutical agent is infused into the portion of the body and the electrodes are energized by a signal generator, electrically stimulating the portion of the body. The voltage and current delivered to the portion of the body are measured using a data acquisition system thereby generating electrical parameter data. An immune response, gene expression level or other biological response to the pharmaceutical agent is measured and the electrical test data is correlated with the biological response to assess the performance of the system.

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